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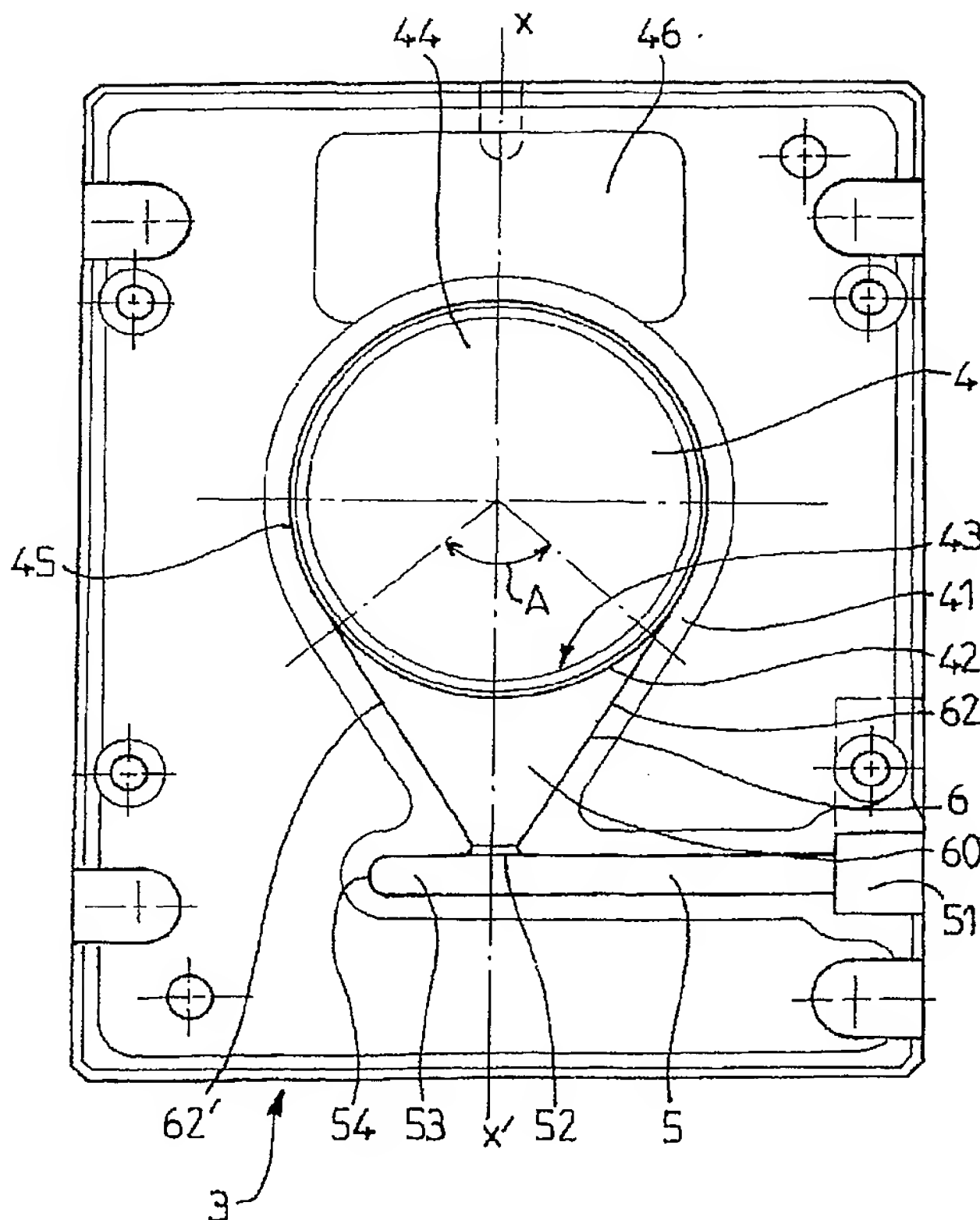
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(54) Title: PROCESS AND INSTALLATION FOR MOLDING AN OPTICAL LENS



(57) Abstract: The object of the invention is a process for molding an optical element such as a lens (2). According to the invention, the element is obtained by a reaction injection molding process comprising the steps of mixing at least two polymerizing reactants and forcing the obtained reacting mixture by an injection duct (5) for filling under pressure a sealed mold cavity (4) having an entry side (43) provided with a casting opening (42) and an evacuation side (44) and providing a laminated flow of mixture in a spout (6) having a progressive enlarging transversal section between the outlet opening (52) of the injection duct (5) and the casting opening (42) of the mold cavity (4), for avoiding any turbulent area in said laminated flow, said evacuation side (44) being provided with means (45) for evacuating air contained in the mixture during mold filling. The invention also covers the molding installation adapted for using such a process.

WO 2005/084927 A1



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